

What is claimed is:

1. An olefin block copolymer having a M_w/M_n (M_w : weight average molecular weight, M_n : number average molecular weight) of not more than 1.5, which copolymer 5 comprises:

(i) a polymer block comprising ethylene and an α -olefin of 3 to 20 carbon atoms, having a molar ratio (ethylene/ α -olefin) of ethylene units to α -olefin units of from 20/80 to 65/35, a weight average molecular weight of 10 50,000 to 2,000,000, and having a slope of an intramolecular composition distribution of absolute value of 0.1 to 0, and

(ii) a polymer block comprising ethylene and an α -olefin of 3 to 20 carbon atoms, having a molar ratio (ethylene/ α -olefin) of ethylene units to α -olefin units of 15 from 70/30 to 85/15, a weight average molecular weight of 10,000 to 400,000, and having a slope of an intramolecular composition distribution of absolute value of 0.1 to 0.

2. A viscosity index improver for lubricating oils 20 which improver comprises an olefin block copolymer as claimed in claim 1.

3. A lubricating oil composition comprising a viscosity index improver for lubricating oils as claimed 25 in claim 2.